


Source: Legal > / . . . / > U.S. Patents, European Patents, Patent Abstracts of Japan, PCT Patents, and U.K. 
 Terms: **transglutaminase /p (cross-link! or crosslink!) and date<8/1/1998** ([Edit Search](#) | [Suggest Terms for My Search](#))

☛ Select for FOCUS™ or Delivery



63236966 02086743

COPYRIGHT: 1990, JPO & Japio

PATENT ABSTRACTS OF JAPAN

02086743

[Access PDF of Official Patent *](#)

[Check for Patent Family Report PDF availability *](#)

* Note: A transactional charge will be incurred for downloading an Official Patent or Patent Family Report. Your acceptance of this charge occurs in a later step in your session. The transactional charge for downloading is outside of customer subscriptions; it is not included in any flat rate packages.

[Order Patent File History / Wrapper from REEDFAX®](#)

March 27, 1990

PRODUCTION OF GELATIN HAVING HIGH POLYMERIZATION DEGREE

INVENTOR: TANI TAKEHIRO; MOTOKI MASAO

APPL-NO: 63236966

FILED-DATE: September 21, 1988

ASSIGNEE-AT-ISSUE: NIPPI ZERACHIN KOGYO KK
 AJINOMOTO CO INC

PUB-TYPE: March 27, 1990 - Un-examined patent application (A)

PUB-COUNTRY: Japan (JP)

IPC-MAIN-CL: A 23L001#562

IPC-ADDL-CL: C 09H003#0

IPC-ADDL-INFO: C 07K015#20

ENGLISH-ABST:

PURPOSE: To obtain the subject gelatin having high jelly strength and high melting point by **crosslinking** and polymerizing a gelatin solution having a specific concentration with a **transglutaminase** and terminating the reaction before the gelatin of the gelatin.

CONSTITUTION: A gelatin solution having a concentration of 2-60wt.% is produced by adding water to gelatin and the gelatin is **crosslinked** and polymerized by the addition of -gt;=0.1 unit of **transglutaminase** (based on 1g of gelatin) originated from an actinomycete (e.g., Streptovercillium). The **crosslinking** reaction is terminated before the gelatin of the gelatin

by inactivating the enzyme or changing the reaction condition to obtain the objective gelatin suitable for a gelatin for food, gelatin for industrial use, gelatin for photographic use, etc.

Source: [Legal](#) > / . . . / > U.S. Patents, European Patents, Patent Abstracts of Japan, PCT Patents, and U.K. 

Terms: **transglutaminase /p (cross-link! or crosslink!)** and date<8/1/1998 ([Edit Search](#) | [Suggest Terms for My Search](#))

View: Full

Date/Time: Monday, May 15, 2006 - 11:53 AM EDT



[About LexisNexis](#) | [Terms & Conditions](#)

Copyright © 2006 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.